**International Advanced Materials** 

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## **Material Data Safety Sheet**

# **Quick Identifier: Germanium**

Trade Name Synonyms:	: Germanium		Formula: Molecular Weigh	Ge t:
CAS #:	7440-56-4			
II. HAZA	ARDOUS INGREDI	ENTS		
	Components:	OSHA PEL:	ACGIH TLV:	Other Limits:
Germanium		Unknown	Unknown	Unknown
Sec. 302 (EH	·C).	No Sec. 304 RQ:	No	Sec. 313: No
	gs (0-4): Health:	N/A Flammability		Reactivity: N/A
	ctive Equipment:	N/A	. 17/A	Kachvity. 11/A
III. PHYS	SICAL DATA			
Boiling Point		26 C M	elting Point:	Unknown
	vity (H <sub>2</sub> O=1): 5.3		apor Density (Air=1	
	ure (mm Hg): N/A		vaporation Rate:	N/A
% Volatiles			olubility in H2O:	None
Appearance	and Odor: Gra	ayish White Metal - Odorl	255	
uppear ance		tyisii wiiite wietai - Ouoii	688	
IV. FIRE	AND EXPLOSION	HAZARDS DATA		
lash Point/I	Mathad. Nat			
14511 I VIIIU/I	Method: Not	applicable		
Explosive Li	mits: LEL: N/A	A UEL: N/A		
Explosive Lin Extinguishin	mits: LEL: N/A	A UEL: N/A Any		
Explosive Lin Extinguishin Special Fire	mits: LEL: N/A g Media: Fighting Procedures	A UEL: N/A Any s: None		
Explosive Lin Extinguishin Special Fire	mits: LEL: N/A	A UEL: N/A Any s: None		
Explosive Lin Extinguishin Special Fire Unusual Fire	mits: LEL: N/A g Media: Fighting Procedures	A UEL: N/A Any s: None ards: None		
Explosive Lip Extinguishin Special Fire Juusual Fire <u>V. HEAL</u> Routes of En	mits: LEL: N/A g Media: Fighting Procedures e and Explosion Haz /TH HAZARD INF( htry:	A UEL: N/A Any s: None ards: None	3.	
Explosive Lip Extinguishin Special Fire 3 Juusual Fire <u>V. HEAL</u> Routes of En Carget Orga	mits: LEL: N/A g Media: Fighting Procedures e and Explosion Haz <u>/TH HAZARD INF(</u> htry: ns:	A UEL: N/A Any s: None ards: None DRMATION Inhalation, Skin and Eye N/A		
Explosive Lin Extinguishin Opecial Fire Unusual Fire <u>V. HEAL</u> Routes of En Carget Orga Carcinogenio	mits: LEL: N/A g Media: Fighting Procedures e and Explosion Haz <u>TH HAZARD INF(</u> htry: ns: city: NTP: Yes	A UEL: N/A Any s: None ards: None DRMATION Inhalation, Skin and Eye N/A IARC Monographs:		A Regulated: No
Explosive Lin Extinguishin Special Fire Junusual Fire <u>V. HEAL</u> Routes of En Farget Orga Carcinogenio	mits: LEL: N/A g Media: Fighting Procedures e and Explosion Haz <u>/TH HAZARD INF(</u> htry: ns:	A UEL: N/A Any s: None ards: None DRMATION Inhalation, Skin and Eye N/A IARC Monographs:		A Regulated: No
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Chronic: N/A

Signs and Symptoms of Exposures:

Inhalation: N/A Ingestion: N/A Skin: N/A Eye: N/A **Medical Conditions Generally** 

N/A

Aggravated by Exposure:

### **EMERGENCY AND FIRST AID PROCEDURES:**

INHALATION:	Seek immediate medical attention.
INGESTION:	Seek immediate medical attention.
SKIN:	Seek immediate medical attention.
EYE:	Seek immediate medical attention

	VI.	REACTIVITY DATA
<b>a</b> .	1 .1.	

Stability:	Stable
Incompatibility (Material to avoid):	Bromine, Chlorine, Fluorine, Oxygen, Potassium Chlorate, and
	Potassium.
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Not Applicable

#### VII. SPILL OR LEAK PROCEDURES

Steps to Be Taken in Case Material Is Released or Spilled: Waste Disposal Method:	Collect the material in the original or suitable container. Wear rubber gloves and eye protection. Return to supplier or dispose of in accordance with all current local, state and federal regulation.
Precautions to Be Taken in Handling and Storing: Other precautions	Store in clean, dry area None Suggested

#### VIII. SPECIAL PROTECTION INFORMATION

None Suggested
Recommended.
N/A
Rubber
Safety glasses or goggles
None Suggested
Normal hygienic practices.

#### **IX. ADDITIONAL COMMENTS**

Some of the chemicals listed herein are research or experimental substances which may be toxic, as defined by various governmental regulations. In accordance with Environmental Protection Agency regulations and the Toxic Substance Control Act (TSCA), these materials should only be handled by, or under the direct supervision of a "technically qualified individual", as defined in 40 CFR 710.2(aa).

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